

MAXIGEAR 85W140 LS PLUS

DESCRIPTION:

A multigrade lubricant designed especially for lubricating high-performance gear trains subject to high loads. Formulated with mineral base oils and cutting-edge additives with Limited Slip (LS) properties.

PROPERTIES & ADVANTAGES:

- ✓ Far superior performance when compared to conventional gearing lubricants, with periods between oil changes from 500 up to 1,500 hours of service (this varies according to the type of load and work).
- ✓ Noise and vibration reduction at lubricated points, thanks to the friction-modifying additive.
- ✓ Offers a high level of protection against component wear, reducing replacement and maintenance costs.
- ✓ Compatible with elastomers (joints and seals).
- ✓ Provides excellent load-bearing capability, considerably reducing losses to friction.
- ✓ Excellent resistance to thermal degradation. High lubricity and anti-wear and anti-corrosion protection.
- ✓ Reduced formation of deposits, keeping the gears in an optimal state of cleanliness.
- ✓ Thanks to its light multi-grade properties, it can stand in for gearing oils with viscosity SAE 140.

APPLICATIONS:

- ✓ Especially designed to lubricate self-locking differentials with limited slip.
- ✓ Axles, drive shaft, and group differentials with hypoid drive.
- ✓ Gearings subjected to extremes of load and temperature.
- ✓ Especially recommended in public-works machinery and all-terrain 4x4 vehicles.
- ✓ Front axles in tractors and transmissions in combine harvesters.

SPECIFICATIONS / QUALITY LEVEL:

API GL-5 LS	ZF TE ML 05C / 12C / 16E / 21C
MIL-L-2105D	MIL-PRF-2105E
MAN 342 M2	SCANIA STO 1:0
SAE J2360	VOLVO STD 1273.1 / 1273.21
NATO 0-266	

TECHNICAL DATA:

PHYSICOCHEMICAL CHARACTERISTICS	STANDARD	VALUE
SAE grade	SAE J306	85W140
Kinematic viscosity at 100 °C (cSt)	D-445	24 - 30
Pour point (°C)	ASTM D-97	< -20
Flash point (°C)	ASTM D-92	> 250
FZG, test (stage)	DIN 51384/2	> 12
TIMKEN OK load (lb)	ASTM D-2782	> 60
Copper corrosion, 3h, 100°C	ASTM D-130	1b

PRECAUTIONS FOR USE:

MAXIGEAR oils are miscible with other oils for the exact same application and with the same level of quality. Before blending, it is recommended that you check the condition of the oil that is being topped up, as well as the system to which it is being added.

For CASE 821C series machines (1999-2003) add up to 10% LS Additive.

PACKAGING:

20L jerrycan and 200L drums.